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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,814	09/17/2003	Michael E. Caban	38763.1540	4052

7590 06/30/2004

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EXAMINER

NGUYEN, ANTHONY H

ART UNIT	PAPER NUMBER
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2854

DATE MAILED: 06/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/663,814	Applicant(s) CABAN ET AL.	
	Examiner Anthony H Nguyen	Art Unit 2854	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 September 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **Claim Rejections - 35 U.S.C. § 103**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) a patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-20,23,24,26,27 and 29 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Muhr-Sweeney (US 2002/0112300) in view Tobol et al. (US 6,129,019).

With respect to claims 1,6,7, 12,13,15,17 and 21, Muhr-Sweeney teaches a cleaning apparatus and a method of producing a cleaning sheet 10 including a debris-removing coating 16 on the surface 15 and a cleaning substrate 14 on the opposite surface 13. Muhr-Sweeney does not teach a printing indicia which is printed on the surface of the document or the sheet. Tobol et al. teaches a printing indicia 108 printed on the surface of the cleaning sheet 100 (Tobol et al., Fig.1). In view of the teaching of Tobol et al., it would have been obvious to one of ordinary skill in the art to modify the cleaning sheet of Muhr-Sweeney by providing a printing indicia on the surface of the cleaning sheet or document. Note that the use of a cleaning sheet or document having a printing indicia on a portion of the first face or second face which is coated with an adhesive coating is well known in the art. With respect to claims 2,8,13 and 18, Muhr-Sweeney teaches the document or cleaning sheet which includes labels 340 (Muhr-Sweeney, Fig.2B and page 3, col. 2, second paragraph). With respect to claims 3,5,9,11,16,19 and 24, the selection of a debris-removing coating having a desired color or brand or product would be obvious through routine experimentation in order to get optimum cleaning effects.

With respect to claims 27 and 29, Muhr-Sweeney teaches all that is claimed, except for the step of reducing printing contamination which are ink deposits and adhesive build-up. Tobol et al. teaches the step of reducing contamination which includes ink and adhesive residue (Tobol et al., col.6 lines 9-18). In view of the teaching of Tobol et al., it would have been obvious to one of ordinary skill in the art to modify the steps of Muhr-Sweeney by the steps of cleaning contaminants as taught by Tobol et al. for ensuring optimal cleaning components in a printer.

***Claim Rejections - 35 U.S.C. § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 21,22,25 and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Muhr-Sweeney (US 2002/0112300).

With respect to claims 21 and 28, Muhr-Sweeney teaches a method of reducing printing contamination having the steps of providing a cleaning sheet or document with a debris-removing coat on a portion of one of the faces of the sheet and running a cleaning sheet through a printer as shown in Fig.3 (see page 3, col.1, the third paragraph).

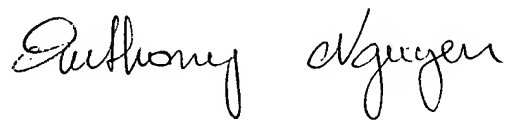
Art Unit: 2854

*Conclusion*

The patents to Morgavi, Francis and Bhattacharjee et al. are cited to show other structures and methods having obvious similarities to the claimed structure and method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony Nguyen whose telephone number is (571) 272-2169. The examiner can normally be reached daily from 9 AM to 5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld, can be reached on (571) 272-2168. The fax phone number for this Group is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

A handwritten signature in cursive script that reads "Anthony Nguyen".

Anthony Nguyen  
6/28/04  
Patent Examiner  
Technology Center 2800